Classification benchmarks: Gaussian mixture **Decision Trees** 0.7 0.6 Model **Product DT** F1 Score 0.0 4.0 **Euclidean DT** (ambient) Euclidean DT (tangent plane) *k*-Nearest 0.3 Neighbors 0.2 Random Forests 0.7 Model 0.6 Product RF F1 Score 0.4 Euclidean RF (ambient) Euclidean RF (tangent plane) *k*-Nearest 0.3 Neighbors 0.2 -2 -0.5 -1 -0.25 0.25 0.5 0 -4 Curvature